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Applicant: ADVANCED CARDIOVASCULAR SYSTEMS, INC. 3200 Lakeside Drive Santa Clara California 95052(US)

Inventor: Macaulay, Patrick E. 7424 Rainbow

Cupertino, CA 95014(US)
Inventor: Wasicek, Lawrence D.
526 East Evelyn Avenue
Sunnyvale, CA 94086(US)
Inventor: Bayot, Alfredo
6234 Cedar Blvd.
Newark City, CA 94560(US)
Inventor: Klemm, Kurt
3431 Laguna Court
Santa Clara, CA 95051(US)

Representative: Baillie, Iain Cameron et al Ladas & Parry Altheimer Eck 2 W-8000 München 2(DE)

Intravascular catheter with a nontraumatic distal tip.

An intravascular catheter such as a guiding catheter of composite construction having a nontraumatic distal tip comprising a proximal elastomeric tubular element (12) and a distal elastomeric tubular element (13) formed of softer material that the proximal section. The proximal tubular section (17) of the distal tip preferably has a radiopaque material incorporated therein to enable the distal tip to be fluoroscopically observable when in place within a patient. The shaft (11) of the catheter, which exhibits excellent torquability and pushability, is formed with a very thin wall. The catheter shaft includes an inner tubular member (21) of braided polymeric fibrous strands impregnated with a thermoset polyurethane and having an outer jacket (22) or coating of thermoplastic polyurethane secured to the braided tubular member. In some embodiments it is preferred to include a lubricous liner (28) within the braided tubular member.

